



Wet circular abrasive cut off machine TYRO for straight cut

Ref: TSA LAB 250

STANDARD EQUIPMENT

- Grinder: Ø 250mm, bore: 22,2mm wet-cutting special
- Motor 4 HP, three phase 400 V
- Automatic down feed/ descent
- Cutting speed: 50m/s
- Working height: 920mm
- 2 pneumatic clamps/ vices
- Automatic oscillation by gear motor
- Welded structure
- Automatic depth control: kicks in at the end of the cut, it measures & compensates the wear of the abrasive disc.
- 5,7" colour tactile display (320 x240 pixels)
- Automatic cut by brushless electric servo-actuator
- Digital control of the advance in speed or pressure
- Control of the advance to the motor load (adjustable setting from 1 to 100%)
- Tilting safety cover
- Coolant system with electro pump, collection tank, sedimentation & storage tank, removable filter cartridges, adjustable nozzles on both sides of the grinder
- Materials : ferrous, non-ferrous and exotic alloys
- Integrated light 24 V
- CE certified machine



CUTTING CAPACITIES			
Unit: mm	40	60	80x40

OPTIONAL EQUIPMENT

- **ELECTRONIC SPEED VARIATOR** – Circumferential speed 30 to 80 m/s
- **8.4 " COLOUR TACTILE DISPLAY** (640x480 pixels)
- **REMOTE CONTROL WIFI** : the machine can be controlled remotely by using a mobile phone or an internet connection. For more information, please read the REMOTE CONTROL WIFI-OMRON file.
- **OILS MIST SEPARATOR K 400 T** – 400 m³/h-0.18 Kw + spare filter

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Wet circular abrasive cut off machine TYRO for straight cut

Ref: TSA LAB 250

- **CARTRIDGE FILTER DTE 30:**

Fabric filter roll (width: 400mm), automatic unwinding. Pump: 30 l/min. Tank 150l with drain, visual level indicator & chamber for waste sludge.

- **2 WORK-HOLDERS OF CLAMPS** at the front with integrated watering (-30 mm from clamp opening)

- **SET OF 4 SPECIAL CLAMPS V-SHAPE:** *plastic or cast iron material*

- **WET ABRASIVE DISKS :** *Bore Ø 22.2mm – Disk Ø 250mm*





Wet circular abrasive cut off machine TYRO for straight cut

Ref: TSA LAB 350

STANDARD EQUIPMENT

- Grinder: Ø 350mm, bore: 25,4mm wet-cutting special
- Motor 7.5 HP, three phase 400 V
- Automatic down feed/ descent
- Cutting speed: 50m/s
- Working height: 920mm
- 2 pneumatic clamps/ vices
- Automatic oscillation by gear motor
- Welded structure
- Automatic depth control: kicks in at the end of the cut, it measures & compensates the wear of the abrasive disc.
- 5,7" colour tactile display (320 x240 pixels)
- Automatic cut by brushless electric servo-actuator
- Digital control of the advance in speed or pressure
- Control of the advance to the motor load (adjustable setting from 1 to 100%)
- Tilting safety cover
- Coolant system with electro pump, collection tank, sedimentation & storage tank, removable filter cartridges, adjustable nozzles on both sides of the grinder
- Materials : ferrous, non-ferrous and exotic alloys
- Integrated light 24 V
- CE certified machine



CUTTING CAPACITIES			
Unit: mm	80	100	120x80

OPTIONAL EQUIPMENT

- **ELECTRONIC SPEED VARIATOR** – Circumferential speed 30 to 80 m/s
- **8.4 " COLOUR TACTILE DISPLAY** (640x480 pixels)
- **REMOTE CONTROL WIFI** : the machine can be controlled remotely by using a mobile phone or an internet connection. For more information, please read the REMOTE CONTROL WIFI-OMRON file.
- **OILS MIST SEPARATOR K 400 T** – 400 m³/h-0.18 Kw + spare filter

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Wet circular abrasive cut off machine TYRO for straight cut

Ref: TSA LAB 350

- **CARTRIDGE FILTER DTE 30:**

Fabric filter roll (width: 400mm), automatic unwinding. Pump: 30 l/min. Tank 150l with drain, visual level indicator & chamber for waste sludge.

- **2 WORK-HOLDERS OF CLAMPS** at the front with integrated watering (-30 mm from clamp opening)

- **SET OF 4 SPECIAL CLAMPS V-SHAPE:** *plastic or cast iron material*

- **WET ABRASIVE DISKS :** *bore Ø 25.4mm -Disk: Ø 350mm*





Wet circular abrasive cut off machine TYRO for straight cut

Ref: TSA LAB 410

STANDARD EQUIPMENT

- Grinder: Ø 406mm, bore: 25,4mm wet-cutting special
- Motor 10 HP, three phase 400 V
- Automatic down feed/ descent
- Cutting speed: 50m/s
- Working height: 920mm
- 2 pneumatic clamps/ vices
- Automatic oscillation by gear motor
- Welded structure
- Automatic depth control: kicks in at the end of the cut, it measures & compensates the wear of the abrasive disc.
- 5,7" colour tactile display (320 x240 pixels)
- Automatic cut by brushless electric servo-actuator
- Digital control of the advance in speed or pressure
- Control of the advance to the motor load (adjustable setting from 1 to 100%)
- Tilting safety cover
- Coolant system with electro pump, collection tank, sedimentation & storage tank, removable filter cartridges, adjustable nozzles on both sides of the grinder
- Materials : ferrous, non-ferrous and exotic alloys
- Integrated light 24 V
- CE certified machine



CUTTING CAPACITIES			
Unit: mm	90	120	120x120

OPTIONAL EQUIPMENT

- **ELECTRONIC SPEED VARIATOR** – Circumferential speed 30 to 80 m/s
- **8.4 " COLOUR TACTILE DISPLAY** (640x480 pixels)
- **REMOTE CONTROL WIFI** : the machine can be controlled remotely by using a mobile phone or an internet connection. For more information, please read the REMOTE CONTROL WIFI-OMRON file.
- **OILS MIST SEPARATOR K 400 T** – 400 m³/h-0.18 Kw + spare filter

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Wet circular abrasive cut off machine TYRO for straight cut

Ref: TSA LAB 410

- **CARTRIDGE FILTER DTE 30:**

Fabric filter roll (width: 400mm), automatic unwinding. Pump: 30 l/min. Tank 150l with drain, visual level indicator & chamber for waste sludge.

- **2 WORK-HOLDERS OF CLAMPS** at the front with integrated watering (-30 mm from clamp opening)

- **SET OF 4 SPECIAL CLAMPS V-SHAPE:** *plastic or cast iron material*

- **WET ABRASIVE DISKS :** *bore Ø 25.4mm -Disk: Ø 400mm*



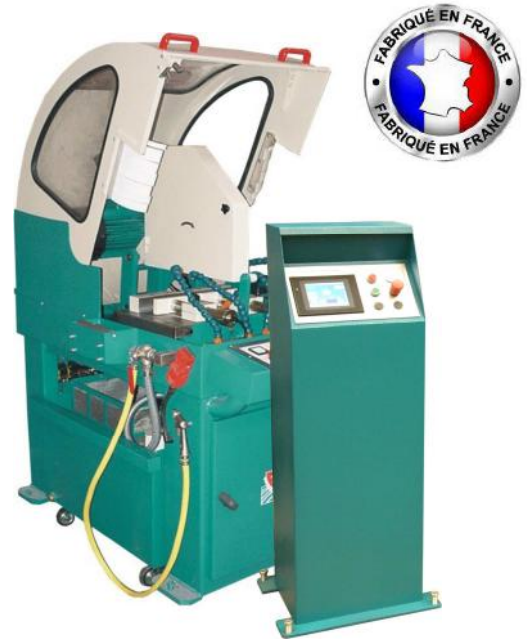


Wet circular abrasive cut off machine TYRO for straight cut

Ref: TSA LAB 515

STANDARD EQUIPMENT

- Grinder: Ø 508mm, bore: 25,4mm wet-cutting special
- Motor 15 HP, three phase 400 V
- Automatic down feed/ descent
- Cutting speed: 60m/s
- Working height: 800mm
- 2 pneumatic clamps/ vices
- Automatic oscillation by gear motor
- Welded structure
- Automatic depth control: kicks in at the end of the cut, it measures & compensates the wear of the abrasive disc.
- 5,7" colour tactile display (320 x240 pixels)
- Automatic cut by brushless electric servo-actuator
- Digital control of the advance in speed or pressure
- Control of the advance to the motor load (adjustable setting from 1 to 100%)
- Tilting safety cover
- Coolant system with electro pump, collection tank, sedimentation & storage tank, removable filter cartridges, adjustable nozzles on both sides of the grinder
- Materials : ferrous, non-ferrous and exotic alloys
- Integrated light 24 V
- CE certified machine



CUTTING CAPACITIES			
Unit: mm	130	160	160x120

OPTIONAL EQUIPMENT

- **ELECTRONIC SPEED VARIATOR** – Circumferential speed 30 to 80 m/s
- **8.4 " COLOUR TACTILE DISPLAY** (640x480 pixels)
- **REMOTE CONTROL WIFI:** the machine can be controlled remotely by using a mobile phone or an internet connection. For more information, please read the REMOTE CONTROL WIFI-OMRON file.
- **OILS MIST SEPARATOR D 600 M** – 600 m³/h-0.37 Kw + spare filter

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Wet circular abrasive cut off machine TYRO for straight cut

Ref: TSA LAB 515

- **CARTRIDGE FILTER DTE 50 :**

Fabric filter roll (width: 500mm), automatic unwinding. Pump: 50l/min. Tank 180l with drain, visual level indicator & chamber for waste sludge.

- **2 WORK-HOLDERS OF CLAMPS** at the front with integrated watering (-30 mm from clamp opening)

- **SET OF 4 SPECIAL CLAMPS V-SHAPE:** *plastic or cast iron material*

- **WET ABRASIVE DISKS :** *bore Ø 25.4mm – Disk: Ø 500mm*

